

Claims

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1. Sound pressure level calibrator for calibrating a sound pressure level sensor, comprising a pistonphone (1) for producing a sound pressure and a high-pressure adapter (2), which is connected to an output of the pistonphone (1) and acts as a resonator (6),
characterized in that
the high-pressure adapter (2) has an expanded adapter opening (7) for a soundproof connection to a sound pressure level sensor that is to be calibrated and that is integrated into a structure (10).
2. Sound pressure level calibrator as claimed in Claim 1, characterized in that the resonator (6) is embodied as a tube of a length (L) with a constant diameter (d).
3. Sound pressure level calibrator as claimed in one of claims 1 or 2, characterized in that, to improve the soundproof connection of the high pressure adapter (2) to the sound pressure level sensor, a mechanical compensation link (9) is integrated in the high pressure adapter (2) and a sealing ring is inserted into the adapter opening (7).
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